GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2621
ANSWERED ON:08.08.2001
ATOMIC POWER STATIONS IN RAJASTHAN
JASWANT SINGH BISHNOI

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the number of atomic power station units working in Rajasthan and the number of units proposed to be installed;

(b) whether the atomic power station unit at Kota in Rajasthan often develops snags;

(c) if so, the reasons therefor; and

(d) the number of times/days the units got closed due to the snags during the last two years and the persons responsible for it?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES, AGRO AND RURAL INDUSTRIES, MINISTER OF STATE IN THE DEPARTMENT OF PERSONNEL AND TRAINING, DEPARTMENT OF PENSIONS AND PENSIONERS WELFARE OF THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) Presently, four atomic power units RAPS-1 (100 MWe), RAPS-2 (200 MWe), RAPS-3 (220 MWe) and RAPS-4 (220 MWe) are operation in Rajasthan.

v Additional 2x220 MWe and 2x500 MWe units are planned for commencement in 10th Five Year Plan subject to availability of financial resources.

(b) & (c) In the year 2000-01, RAPS-2 and RAPS-3 performed very well registering capacity factors of 91% and 84% respectively. RAPS-1 which was operating satisfactorily till September 2000, was shut down for attending to the moderator heat exchanger tube leak, End-shield repairs and In Service Inspection (ISI). This unit has been synchronised to grid recently on 24.7.2001 after end-shield repairs and completion of other jobs. RAPS-4 which commenced commercial operation from 23.12.2000, has overcome the initial teething problems and is approaching stable operation phase.

(d) During the year 1999-2000 the number of outages for RAPS-1 and RAPS-2 were and 12 and 16 respectively and availability factors for these units were 71% and 83% respectively. During the year 2000-01 the number of outages of RAPS-1, RAPS-2, were 10 and 3 respectively. RAPS-2 has during the year 2000 operated continuously for 181 days (a record performance) from 22.1.2000 to 22.7.2000.

RAPS-3 and RAPS-4 have commenced commercial operation on 1.6.2000 and 23.12.2000 respectively. RAPS-4 had 9 and 5 outages respectively with availability factors 86% and 51% respectively in the year 2000-01.

The above outages includes planned maintenance outges, due to grid disturbances and forced outages. Such outages are considered normal for power plant operations.